

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/574,227A

Source: IFWO

Date Processed by STIC: 1/4/07

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/574,227A ✓

DATE: 01/04/2007

TIME: 09:21:17

Input Set : A:\27280u-12-26-2006.txt

Output Set: N:\CRF4\01042007\J574227A.raw

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3 <110> APPLICANT: ETH Zurich
5 <120> TITLE OF INVENTION: Method for the in vitro evolution of polypeptides
7 <130> FILE REFERENCE: RP50005PCT
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/574,227A
C--> 10 <141> CURRENT FILING DATE: 2006-03-31
12 <160> NUMBER OF SEQ ID NOS: 7
14 <170> SOFTWARE: PatentIn version 3.3
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 24
18 <212> TYPE: DNA
19 <213> ORGANISM: Artificial
21 <220> FEATURE:
22 <223> OTHER INFORMATION: PCR primer
24 <400> SEQUENCE: 1
25 gatgccggcc acgatgcgtc cggc                                24
28 <210> SEQ ID NO: 2
29 <211> LENGTH: 40
30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial
33 <220> FEATURE:
34 <223> OTHER INFORMATION: PCR primer, the cytidine in position 9 was replaced by
35 5'-fluorodeoxycytidine
37 <400> SEQUENCE: 2
38 cgtcatggcc tatgcgggcg accacaccgc tcctgtggat                40
41 <210> SEQ ID NO: 3
42 <211> LENGTH: 24
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial
46 <220> FEATURE:
47 <223> OTHER INFORMATION: double-stranded fragment for blocking magnetic beads,
labelled
48 with biotin on 5' end, obtained from the company Qiagen
50 <400> SEQUENCE: 3
51 ggagcttctg cattctgtgt gctg                                24
54 <210> SEQ ID NO: 4
55 <211> LENGTH: 81
56 <212> TYPE: DNA
57 <213> ORGANISM: Artificial
59 <220> FEATURE:
60 <223> OTHER INFORMATION: competing double-stranded DNA fragment, obtained from the
company
61 Qiagen
63 <400> SEQUENCE: 4
64 atctaaggcc aatgtactag acggccattc cagatgcagg ccaagcgta atacggccta        60

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66 gctaaatcaa ggccgtatcg t

81

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69 <210> SEQ ID NO: 5
70 <211> LENGTH: 23
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial
74 <220> FEATURE:
75 <223> OTHER INFORMATION: calmodulin-binding peptide, labelled with biotin on
76     amino-terminus
78 <400> SEQUENCE: 5
80 Cys Ala Ala Ala Arg Trp Lys Lys Ala Phe Ile Ala Val Ser Ala Ala
81 1           5           10           15
84 Asn Arg Phe Lys Lys Ile Ser
85           20
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 22
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial
93 <220> FEATURE:
94 <223> OTHER INFORMATION: PCR primer
96 <400> SEQUENCE: 6
97 cccgcgaaat taatacgact ca
100 <210> SEQ ID NO: 7
101 <211> LENGTH: 20
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial
105 <220> FEATURE:
106 <223> OTHER INFORMATION: PCR primer
108 <400> SEQUENCE: 7
109 aaaaccctc aagaccgtt

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/04/2007
PATENT APPLICATION: US/10/574,227A TIME: 09:21:18

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7

VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date